

REMARKS

In an office action mailed December 16, 2003 (paper no. 20031008), claim 44 was rejected under 35 U.S.C. 112 as being indefinite for failing to point out and distinctly claim the subject matter which applicant regards as the invention. Applicants appreciate the indication that claims 1-43 are allowable, and believe that the implication that a primary coil is formed through the relationship with the secondary coil of claim 44 is clearly described in the specification, as described below. All pending claims are now believed to be in condition for allowance.

Rejections under 35 USC 112

Claim 44 stands rejection under 35 USC 112 as being indefinite for failing to point out and distinctly claim the subject matter which applicant regards as the invention, allegedly because the implication that primary coil is formed through the relationship with the secondary coil of claim 44 is not clearly described in the specification. This rejection is respectfully traversed.

Claim 44 includes a "method of combining the amplified outputs of a plurality of push-pull amplifiers to form a power amplifier, each push-pull amplifier having two inductively-interconnected gain blocks, comprising: (a) configuring the plurality of amplifiers to form a first closed loop such that adjacent gain blocks of adjacent amplifiers are interconnected and as so interconnected, form virtual ac grounds; (b) driving adjacent gain blocks of adjacent push-pull amplifiers with at least substantially equal and opposite input signals; and combining the output power of the push-pull amplifiers in the first closed loop in a secondary coil that is located in proximity with and magnetically coupled to the first closed loop, which by implication forms a primary coil in relation to at least the secondary coil." The Applicants draw the Examiner's attention to Figures 3a, 5, 6, and 7a, each of which show exemplary embodiments that include a primary and secondary coil. Furthermore, the description of these figures at pages 15-20 refer repeatedly to a primary and a secondary coil. For example, on page 15, lines 10-12 state that "the quad-push-pull amplifier design shown in Fig. 2b, with its four relatively large slab inductors that creates the square geometry, is used as the primary circuit of a magnetically coupled active transformer. . . ." and further on page 15, at lines 20-22, it is stated that as "seen

in Fig. 3a, a one-turn metal coil 150 inside this primary coil power amplifier square can be used to harness this alternating magnetic flux and act as the transformer secondary loop." Applicants submit that one of ordinary skill in the art would readily understand from this and the other cited sections of the specification that a first closed loop that is magnetically coupled to a secondary
5 coil forms a primary coil in relation to the secondary coil by implication. If the Examiner maintains the rejection, Applicants respectfully request that the Examiner identify why the cited sections of the specification fail to support the claimed invention, or that the Examiner contact the attorney of record to further discuss the rejection.

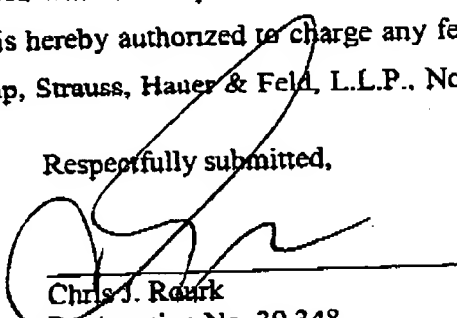
CONCLUSION

In view of the foregoing remarks and for various other reasons readily apparent, Applicants submit that all of the claims now present are allowable, and withdrawal of the rejections and a Notice of Allowance are courteously solicited.

- 5 If any impediment to the allowance of the claims remains after consideration of this amendment, a telephone interview with the Examiner is requested by the undersigned at (214) 969-4669 so that such issues may be resolved as expeditiously as possible.

- 10 No additional fee is believed to be required with this response. If any applicable fee or refund has been overlooked, the Commissioner is hereby authorized to charge any fee or credit any refund to the deposit account of Akin, Gump, Strauss, Hauer & Feld, L.L.P., No. 01-0657.

Respectfully submitted,



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Date: March 1, 2004
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